

# Electronic Filing System (EFS) Data

## Electronic Patent Application Submission

### USPTO Use Only

EFS ID: 12329  
Application ID: 09682473  
Title of Invention: CLOCK SIGNAL DISTRIBUTION  
UTILIZING DIFFERENTIAL SINUSOIDAL  
SIGNAL PAIR  
First Named Inventor: Anthony Bonaccio  
Domestic/Foreign Application: Domestic Application  
Filing Date: null  
Effective Receipt Date: 2001-09-06   
Submission Type: Utility Patent Filing  
Filing Type: new-utility  
Confirmation Number: 0  
Attorney Docket Number: BUR920010063  
Digital Certificate Holder: cn=Robert A. Walsh, ou=Registered Attorneys, ou=Patent and Trademark  
Office, ou=Department of Commerce, o=U.S. Government, c=US  
Certificate Message Digest: SEyVUTQtICT9NW26ufFcAw==  
Total Fees Authorized: \$1010.0

Payment Category: DA – Deposit Account  
Deposit Account Number: 90456  
Deposit Account Name: Richard A. Henkler

# TRANSMITTAL FORM

JG30 U.S. PRO  
09/682473  
09/06/01



Electronic Version 1.0.2

Stylesheet Version: 1.0

Attorney Docket Number: BUR920010063

## CLOCK SIGNAL DISTRIBUTION UTILIZING DIFFERENTIAL SINUSOIDAL SIGNAL PAIR

First Named Inventor: Mr. Anthony Richard Bonaccio

**SUBMITTED BY**

Name: Mr. Richard A. Henkler Esq.  
Registration Number: 39,220  
Electronic Signature Mark: Richard A. Henkler Date Signed: 20010906

*I certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.*

*I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.*

**Attached Files:**

fee-transmittal	BUR920010063US1fee.xml
patent-assignment	BUR920010063US1asgn.xml
specification	BUR920010063US1.xml
declaration	01-0063 DEC A1.tif
declaration	01-0063 DEC A2.tif
declaration	01-0063 DEC A3.tif
declaration	01-0063 DEC B1.tif
declaration	01-0063 DEC B2.tif

declaration	01-0063 DEC B3.tif
declaration	01-0063 DEC C1.tif
declaration	01-0063 DEC C2.tif
declaration	01-0063 DEC C3.tif
bibd-transmittal	BUR920010063US1apds.xml

**Attached Image File(s):**

01-0063 DEC A1.tif  
01-0063 DEC A2.tif  
01-0063 DEC A3.tif  
01-0063 DEC B1.tif  
01-0063 DEC B2.tif  
01-0063 DEC B3.tif  
01-0063 DEC C1.tif  
01-0063 DEC C2.tif  
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01-0063 DEC A1.tif  
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01-0063 DEC A3.tif  
01-0063 DEC B1.tif  
01-0063 DEC B2.tif  
01-0063 DEC B3.tif  
01-0063 DEC C1.tif  
01-0063 DEC C2.tif  
01-0063 DEC C3.tif

**Comments:**

ASSIGNEE: INTERNATIONAL BUSINESS MACHINES CORPORATION ASSIGNEE ADDRESS: ARMONK, NEW YORK, 10504

With this application, the assignee, International Business Machines Corporation, Armonk, New York, 10504, is assigned the right to use the mark "IBM" in connection with the sale of computers, computer systems, and computer programs.

IBM Docket No.: BUR920010063US1

**Declaration and Power of Attorney for Patent Application**

As a below named inventors, we hereby declare that:

Our residence, post office address and citizenship are as stated below next to our name. We believe we are the original, first and sole Inventor (if only one name is listed below) or an original, first and joint Inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the Invention entitled

**CLOCK SIGNAL DISTRIBUTION UTILIZING DIFFERENTIAL SINUSOIDAL SIGNAL PAIR**

the specification of which (check one)

is attached hereto.

was filed on \_\_\_\_\_ as United States Application Serial No. or PCT International Application No. \_\_\_\_\_ and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability as defined in 37 CFR §1.56.

I hereby claim foreign priority benefits under 35 U.S.C. §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s):		
Number	Country	Day/Month/Year

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

Application Number	Filing Date
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I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s), or §365© of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose information material to patentability of this application as defined in 37 CFR §1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

Prior U.S. Applications: Serial No.	Filing Date	Status (patented, pending, abandoned)
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I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

MARK F. CHADURJIAN	(30,739)
RICHARD A. HENKLER	(39,220)
RICHARD M. KOTULAK	(27,712)
JAMES M. LEAS	(34,372)
WILLIAM D. SABO	(27,465)
ROBERT A. WALSH	(26,518)
HOWARD J. WALTER, JR.	(24,832)
CHRISTOPHER A. HUGHES	(26,914)
EDWARD A. PENNINGTON	(32,588)
JOHN E. HOEL	(26,279)
JOSEPH C. REDMOND, JR.	(18,753)

## IBM Docket No.: BUR920010063US1

VALERIE G. DUGAN (36,125)  
BRIAN M. DUGAN (41,720)  
NATHANIEL LEVIN (34,880)

Address all telephone calls to: Brian M. Dugan  
(914) 332-9081

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DUGAN & DUGAN  
16 JOHN STREET  
TARRYTOWN, NY 10591

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

(1) Inventor: ANTHONY RICHARD BONACCIO

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: 346 Olde Orchard Lane  
Shelburne, VT 05482

Citizenship: United States of America

Post Office Address: Same as Residence

(2) Inventor: JOHN MAXWELL COHN

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: Old Jonesville Schoolhouse, 20 Duxbury Road  
Richmond, VERMONT 05477

Citizenship: United States of America

Post Office Address: Same as Residence

(3) Inventor: ALVAR ANTONIO DEAN

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: 44 Pacer Way  
Groton, MA 01450

Citizenship: United States of America

Post Office Address: Same as Residence

IBM Docket No.: BUR920010063US1

(4) Inventor: **AMIR H. FARRAHI**  Sept. 5, 2001

Residence: **5 Huntington Circle 296 TOWN VIEW DRIVE  
Poughkeepsie, NY 12566 WAPPINGERS FALLS, NY 12590** Date

Citizenship: **Islamic Republic of Iran**

Post Office Address: **Same as Residence**

(5) Inventor: **DAVID J. HATHAWAY**

Signature: \_\_\_\_\_ Date

Residence: **295 Pleasant Valley Road  
Underhill Center, VERMONT 05490**

Citizenship: **United States of America**

Post Office Address: **Same as Residence**

(6) Inventor: **SEBASTIAN THEODORE VENTRONE**

Signature: \_\_\_\_\_ Date

Residence: **38 Butler Drive  
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Express Mail Label No.: EE861549053US

IBM Docket No.: BUR920010063US1

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Signature: \_\_\_\_\_

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Signature: \_\_\_\_\_

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Citizenship: United States of America  
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(3) Inventor: **ALVAR ANTONIO DEAN**

Signature: Alvar A. Dean 9/6/2001

Date

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Residence: 5 Huntington Circle  
Peekskill, NY 10566 Date

Citizenship: Islamic Republic of Iran

Post Office  
Address: Same as Residence(5) Inventor: **DAVID J. HATHAWAY**

Signature: \_\_\_\_\_

Residence: 295 Pleasant Valley Road  
Underhill Center, VERMONT 05490 Date

Citizenship: United States of America

Post Office  
Address: Same as Residence(6) Inventor: **SEBASTIAN THEODORE VENTRONE**

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Signature: Anthony Richard Bonaccio Date 9/6/01

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Citizenship: United States of America

Post Office Address: Same as Residence

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Signature: J. Maxwell Cohn Date 9/6/01

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Post Office Address: Same as Residence

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Citizenship: United States of America

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Signature: \_\_\_\_\_

Residence: **5 Huntington Circle  
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Citizenship: **Islamic Republic of Iran**

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Signature: *David J. Hathaway* 9/6/01

Date

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Underhill Center, VERMONT 05490**

Citizenship: **United States of America**

Post Office Address: **Same as Residence  
P.O. Box 211  
UNDERHILL CENTER, VT 05490** (WLR)

(6) Inventor: **SEBASTIAN THEODORE VENTRONE**

Signature: *Sebastian Theodore Ventrone* 9/6/01

Date

Residence: **38 Butler Drive  
South Burlington, VERMONT 05403**

Citizenship: **United States of America**

Post Office Address: **Same as Residence**

# FEE TRANSMITTAL

Electronic Version 1.0.4

Stylesheet Version: 1.0

*Patent fees are subject to annual revisions on or about October 1st of each year.*

Large Entity

**TOTAL FEES AUTHORIZED: \$ 1010**

**The commissioner is hereby authorized to charge indicated processing and/or publication fees and credit any overpayments to:**

Deposit Account Number: 09-0456



Deposit Account Name: International Business Machines Corporation

Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.

## SUBMITTED BY

Authorized Name: Richard A. Henkler

Electronic Signature Mark: Richard A. Henkler /s/

Date Signed: 20010905

## BASIC FILING FEE

Fee Description	Fee Code	Fee Paid
Utility Filing Fee	101	\$ 710

Subtotal For Basic Filing Fee: \$ 710

## EXTRA CLAIM FEES

	Fee Code	Fee	Extra Claims	Fee Paid
Total Claims: 30	103	\$ 18	10	\$ 180
Independent Claims: 4	102	\$ 80	1	\$ 80

Subtotal For Extra Claims Fees: \$ 260

**ADDITIONAL FEES**

Fee Description	Fee Code	Fee Paid
Recording Each Patent Assignment Per Property Fee	581	\$ 40

Subtotal For Additional Fees: \$ 40